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FUNCTIONAL TEST REPORT.(U)

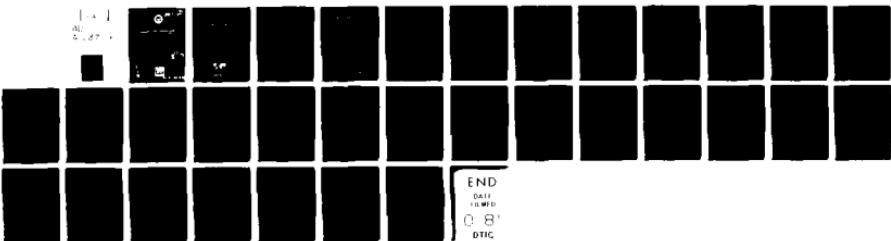
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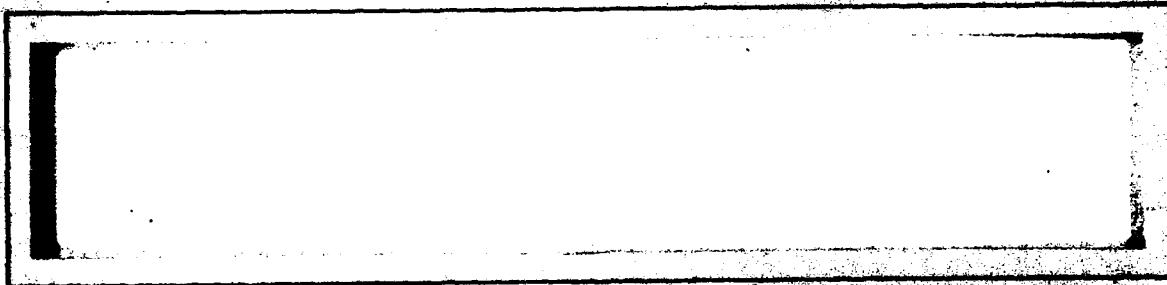
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Defense Communications Agency

Command and Control Technical Center



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FUNCTIONAL TEST REPORT

TASK 8004, SUBTASK 2

NOVEMBER 21, 1980

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REPORT DOCUMENTATION PAGE

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| | | |
|--|-----------------------|--|
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| 20. ABSTRACT (Continue on reverse side if necessary and identify by block number) <i>This report documents the results of performing the tests in the <u>WWMECS</u> SACLANT Remote Network Processor Test and Verification Procedures dated 18 Aug 1980. All problems identified during formal test have been documented as well.</i> | | |

Honeywell

CCTC TASKING STATEMENT 8004
SUBTASK 2

SUBJECT:

FUNCTIONAL TEST REPORT

PREPARED FOR:

DEFENSE COMMUNICATIONS AGENCY
COMMAND AND CONTROL TECHNICAL CENTER

CONTRACT NUMBER:

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CONTRACTOR:

HONEYWELL INFORMATION SYSTEMS, INC.

PREPARED BY:

SYSTEMS EVALUATION AND TEST

DATE:

NOVEMBER 21, 1980

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SECTION 1. GENERAL

1.1 Purpose

The purpose of this Functional Test Report is to:

- a. Briefly describe the tests performed in the execution of the WWMCCS SACLANT Remote Network Processor (SRNP) Test And Verification Procedures (Draft), 18 August 1980, using System Release 7.2B with the modification to implement the SACLANT FILTER as delivered under this task. This effort took place at the Command and Control Technical Center, Reston, Virginia.
- b. Document the results of the tests performed.
- c. Identify problems encountered during testing.

1.2 References

The following references were utilized in conducting the tests and in preparing this report:

- a. WWMCCS SACLANT Remote Network Processor (SRNP) Test And Verification Procedures (Draft), 18 August 1980.
- b. SACLANT User's Guide (Final) For Remote Network Processor (RNP) Release 4.0, 17 September 1979.
- c. SACLANT Software Release Bulletin (Final) For Remote Network Processor RNP) Release 4.0, 21 September 1979.

SECTION 2. TEST RESULTS

2.1 Introduction

The WWMCCS SACLANT Remote Network Processor (SRNP) Test And Verification Procedures were executed using WWMCCS Release 7.2B with the modifications to implement the SACLANT FILTER.

2.2 RNP Software Assembly

- a. Test SAC2-01 - This test was not required since the Host Resident Software System (HRSS) was Government Furnished Equipment. (HRSS tape number 5887).
- b. Test SAC2-02 - Performed a good assembly.

2.3 SRNP Disk Preparation

- a. Test SAC2-03 - Successfully generated DUMP 64 Program.
- b. Test SAC2-03A - Successfully formatted the SRNP disk.

2.4 H6000 File System Support

- a. Test SAC2-04 - Successfully generated Link Text Loader.
- b. Test SAC2-04A - Produced System Master Catalogs (SMC's) with correct attributes.
- c. Test SAC2-05 - Produced a correct permission list for each SMC.

2.5 SRNP Off-Line Disk Preparation

- a. Test SAC3-01 - Successfully bootloaded the SACLANT off-line utility program.
- b. Test SAC3-02 - Correctly initialized the SRNP disk with the USERID conversion table.

2.6 System Initialization

- a. Test SAC4-01 - Successfully bootloaded the H700 with SACLANT RNP software.
- b. Test SAC4-02 - Was not performed due to nonavailability of 7.2B compatible Console-to-Console H6000 software.
- c. Test SAC4-03 - Was not performed due to nonavailability of 7.2B compatible Console-to-Console H6000 software.

- d. Test SAC4-04 - Successfully dumped the H700 system.
- e. Test SAC4-05 - Successfully provided an H700 formatted system dump.

2.7 VIP Terminal Operation

- a. Test SAC5-01 - Failed because WWMCCS Release 7.2B does not send the "SYSTEM?" message upon which H700 SACLANT keys for recognition of successful log-on. Patches were provided to H700 SACLANT to circumvent this problem. Test SAC5-01 was then successful.
- b. Test SAC5-02 - Successfully logged-on a VIP 786W.

2.8 Communications Status Command

- a. Test SAC5-06 - Produced proper control of the communication device and returned correct statuses.

2.9 Host Operator Control

- a. Test SAC5-07 - Verified the proper effects of the H6000 terminal control commands.

2.10 Remote Batch Functionality

- a. Test SAC5-08 - Produced correct output control with thru the \$*\$OUT card.
Test SAC5-10
- b. Test SAC5-11 - Produced correct control card effects.
- c. Test SAC5-12 - (Multiple job-submission capability) failed; documentation was furnished to the Task Officer for STAR submission.
- d. Test SAC5-12.1-Executed successfully.

2.11 Operator Console Commands

- a. Test SAC5-13 - Provided proper results from the Assign Device command.
- b. Test SAC5-14 - Provided proper results from the Close Processor command.
- c. Test SAC5015 - Provided proper results from the Cancel Assignment command.
- d. Test SAC5-16 - Provided proper results from the Enable Device command.
- e. Test SAC5-17 - Provided proper results from the File Abort command.

- f. Test SAC5-18 - Provided proper results from the File Backspace command.
- g. Test SAC5-19 - Provided proper results from the Process Records.
- h. Test SAC5-20 - Provided proper results from the Resume Processing command.
- i. Test SAC5-21 - Provided proper results from the Terminate Processor command.
- j. Test SAC5-22 - Successfully verified that extended Remote Batch Operator commands operated correctly for Job Status, Abort, Request Output, and Cancel Output requests.
- k. Test SAC5-23 - Successfully verified that the Forward Space Output command works.

2.12 Time Sharing System (TSS) Patch Test

- a. Test SAC6-01 - Verified correct subsystem access denial or allowance in all cases thru Test SAC6-03 except the BPRINTY/BPUNCH subsystem.

2.13 Management Data Query System (MDQS) Restriction Set

- a. Test SAC6-04 - Verified proper capabilities of the SACLANT nonrestricted user.
- b. Test SAC6-05 - Verified proper capabilities of the SACLANT restricted user.
- c. Test SAC6-06 - Verified proper capabilities of the SACLANT TSS Patch protected user.
- d. Test SAC6-07 - Verified that the Data Base Manager commands are available to the Data Base Manager USERID.

2.14 Disk Accounting Save and Display

- a. Test SAC7-01 - Verified that the normal operation accounting data was recorded properly.
- b. Test SAC7-02 - Verified that the SRNP operation could be restarted without destroying the continuity of the accounting file.
- c. Test SAC7-03 - Verified that the accounting file was recoverable.

SECTION 3. TESTING PROBLEMS

3.1 Problems

- a. In order for users to log-on to SACLANT systems, the H700 RNP 4.0 SACLANT software will have to be modified due to the fact that 7.2B H6000 software returns the message "HIS TIMESHARING ON mm/dd/yy at H.FTT TERMINAL xx TS1" instead of "SYSTEM?" upon the successful completion of log-on.
- b. Page 2-6 of the WWMCCS SRNP Test and Verification Procedures has the DUMP 64 Program Generation numbered as Test SAC2-03. Page 2-8 has the Disk Format Procedure also identified as SAC2-03. For purposes of this report, the Disk Format Procedure is identified as SAC2-03A.
- c. Page 2-6.2 of the WWMCCS SRNP Test and Verification Procedures identified as SAC2-04. Page 2-11 has the SMC Generation also identified as SAC2-04. For purposes of this report, the SMC Generation is identified as SAC2-04A.

3.2 Conclusion

No other 7.2B SACLANT - H700 RNP 4.0 SACLANT compatibility problems were discovered during this testing effort.

APPENDIX A
FEATURES/TESTS CROSS REFERENCE

| | <u>Feature</u> | <u>Test</u> |
|--------------------------------|----------------|-----------------|
| SRNP Initialization | | |
| HRSS RESTOREMAST | | SAC2-01 |
| HRSS Assembly | | SAC2-02 |
| DUMP 64 Generation | | SAC2-03 |
| Disk Formatter | | SAC2-03A |
| Link Text Loader Generation | | SAC2-04 |
| SMC Generation | | SAC2-04A |
| SRNP UPS Generation | | SAC2-05 |
| SRNP Bootload | | SAC4-01 |
| INITIALIZE ... | | |
| YES | | SAC4-01 |
| NO | | SAC7-02 |
| Off-Line Command Processor | | |
| Bootload | | SAC3-01 |
| is current disk dictionary OK? | | |
| CR /new disk | | SAC3-02 |
| YES /disk ok | | SAC7-01 |
| No /reinitialize | | |
| HELP | | |
| END /EXIT /STOP | | |
| CARDS | | SAC7-03 |
| TTY | | SAC7-03 |
| DELETE | | |
| DICTIONARY | | |
| GENERAL | | SAC3-02 |
| LIST | | SAC3-02 SAC7-01 |
| OCTAL | | |
| DECIMAL | | |

ASCII /SOURCE /CHARACTER **SAC3-02**

SYSTEM

CORE

(non-CORE)

FORMAT **SAC7-01**

BOOTSTRAP

OVERLAY

| <u>FEATURE</u> | <u>TEST</u> | |
|--------------------------------|----------------------|-------------------------|
| <u>TSS Restricted Commands</u> | <u>Restricted ID</u> | <u>Nonrestricted ID</u> |
| BASI | SAC6-01 | |
| DATA | SAC6-01 | |
| JOVI | SAC6-01 | |
| YFOR | SAC6-01 | |
| FORT | SAC6-01 | |
| ALGO | SAC6-01 | |
| CDIN | SAC6-01 | |
| LODX | SAC6-01 | |
| NEWU | SAC6-01 | |
| TSAR | SAC6-01 | |
| TSRI | SAC6-01 | |
| BASY | SAC6-01 | |
| FDUM | SAC6-01 | |
| SABT | SAC6-01 | |
| RECO | SAC6-01 | |
| BEXP | SAC6-01 | |
| RUNY | SAC6-01 | |
| JDAC | SAC6-01 | |
| LODS | SAC6-01 | |
| LODT | SAC6-01 | |
| TRAC | SAC6-01 | |
| IDSQ | SAC6-01 | |
| PSWD | SAC6-01 | |
| LDSP | SAC6-01 | |
| DCLT | SAC6-01 | |
| QANL | SAC6-01 | |

| <u>FEATURE</u> | <u>TEST</u> |
|--------------------------------|-------------------------------|
| <u>TSS Restricted Commands</u> | |
| EXUT | SAC6-01 |
| TRFL | SAC6-01 |
| OPRM | SAC6-01 |
| OREC | SAC6-01 |
| OFLD | SAC6-01 |
| DBLP | SAC6-01 |
| DBRT | SAC6-01 |
| DBCR | SAC6-01 |
| DBDE | SAC6-01 |
| DBVE | SAC6-01 |
| DBAN | SAC6-01 |
| .YP0 | SAC6-01 |
| .YP1 | SAC6-01 |
| .YP2 | SAC6-01 |
| .YP3 | SAC6-01 |
| .YP4 | SAC6-01 |
| .YP5 | SAC6-01 |
| .YP6 | SAC6-01 |
| .YLD | SAC6-01 |
| YLDB | SAC6-01 |
| DSTS | SAC6-01 |
| PERF | SAC6-01 SAC6-05 SAC6-05 |
| WWDI | SAC6-01 SAC6-05 SAC6-06 |
| PRIV | SAC6-01 SAC6-05 SAC6-06 |
| | SAC6-04 |
| | SAC6-07 |

| <u>FEATURE</u> | <u>TEST</u> | |
|--|----------------------|-------------------------|
| <u>TSS Restricted Commands (cont.)</u> | <u>Restricted ID</u> | <u>Nonrestricted ID</u> |
| LIBU | SAC6-01 | |
| CWGA | SAC6-01 | |
| CWGB | SAC6-01 | |
| CWGC | SAC6-01 | |
| CWGD | SAC6-01 | |
| CWGH | SAC6-01 | |
| CWGI | SAC6-01 | |
| IIDS | SAC6-01 | |
| DBCS | SAC6-01 | |
| DTCO | SAC6-01 | |
| DTVF | SAC6-01 | |
| DTAB | SAC6-01 | |
| DTGF | SAC6-01 | |
| DTLS | SAC6-01 | |
| TALK | SAC6-01 | |
| MESS | SAC6-01 | |
| STUS | SAC6-01 | |
| MONI | SAC6-01 | |
| WHOS | SAC6-01 | |
| UPDA | SAC6-01 | |
| SMCL | SAC6-01 | |
| PRI0 | SAC6-01 | |
| MUPD | SAC6-01 | |
| MAST | SAC6-01 | |
| TCON | SAC6-01 | |
| JRUN | SAC6-01 | |
| WISP | SAC6-01 | |

| <u>FEATURE</u> | <u>TEST</u> |
|--|----------------------|
| <u>TSS Restricted Commands (cont.)</u> | <u>Restricted ID</u> |
| GRID | SAC6-01 |
| COBR | SAC6-01 |
| SORT | SAC6-01 |

| <u>FEATURE</u> | <u>TEST</u> | |
|----------------------------------|----------------------|-------------------------|
| <u>TSS Nonrestricted Command</u> | <u>Restricted ID</u> | <u>Nonrestricted ID</u> |
| CARD | SAC6-03 | |
| ACCE | SAC6-03 | |
| EDIT | SAC6-02 SAC6-03 | |
| EDTX | SAC6-03 | |
| BYE | SAC6-03 | |
| LOGO | SAC6-03 | |
| STAT | SAC6-03 | |
| CONN | SAC6-03 | |
| HELP | SAC6-03 | |
| SAVE | SAC6-03 | |
| RESE | SAC6-03 | |
| DELE | SAC6-03 | |
| CL.DN | SAC6-03 | |
| BSED | SAC6-03 | |
| LIST | SAC6-03 | |
| LENG | SAC6-03 | |
| TAPE | SAC6-03 | |
| EDBN | SAC6-03 | |
| NEW | SAC6-03 | |
| TERM | SAC6-03 | |
| AUTO | SAC6-03 | |
| LINE | SAC6-03 | |
| GET | SAC6-03 | |
| CATA | SAC6-03 | |
| PERM | SAC6-03 | |
| REMO | SAC6-03 | |

| <u>FEATURE</u> | <u>TEST</u> | |
|--|----------------------|-------------------------|
| <u>TSS Nonrestricted Command (cont.)</u> | <u>Restricted ID</u> | <u>Nonrestricted ID</u> |
| PRIN | SAC6-03 | |
| SCAN | SAC6-03 | |
| RUNO | SAC6-03 | |
| JSTS | SAC6-03 | |
| ABC | SAC6-03 | |
| HOLD | SAC6-03 | |
| SEND | SAC6-03 | |
| JABT | SAC6-03 | |
| ASCB | SAC6-03 | |
| BPRI | SAC6-03 | |
| BPUN | SAC6-03 | |
| APRI | SAC6-03 | |
| BCDA | SAC6-03 | |
| PURG | SAC6-03 | |
| RELE | SAC6-03 | |
| ERAS | SAC6-03 | |
| RESA | SAC6-03 | |
| JMES | SAC6-03 | |
| NOPA | SAC6-03 | |
| PARI | SAC6-03 | |
| JOUT | SAC6-03 | |
| ASCA | SAC6-03 | |
| PWSS | SAC6-03 | |
| TSEC | SAC6-03 | |
| LEAD | SAC6-03 | |
| SYST | SAC6-03 | |
| EBLD | SAC6-03 | |

| <u>FEATURE</u> | <u>TEST</u> | |
|--|-------------------------------|-------------------------|
| <u>TSS Nonrestricted Command (cont.)</u> | <u>Restricted ID</u> | <u>Nonrestricted ID</u> |
| CRUN | SAC6-03 | |
| DABT | SAC6-03 | |
| DRUN | SAC6-03 | |
| CPOS | SAC6-03 | |
| CMOD | SAC6-03 | |
| COUT | SAC6-03 | |
| REDI | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 SAC6-07 |
| WWDM | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 SAC6-07 |
| B3RU | SAC6-03 | |
| WWP2 | SAC6-03 | |
| WWP3 | SAC6-03 | |
| WWP4 | SAC6-03 | |
| WWPQ | SAC6-03 | |
| WWPG | SAC6-03 | |
| WWPC | SAC6-03 | |
| WWTU | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |
| SINI | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 SAC6-07 |
| DJST | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |
| ADFQ | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |

| <u>FEATURE</u> | <u>TEST</u> | |
|--|--|---------|
| <u>TSS Nonrestricted Command (cont.)</u> | <u>Restricted ID</u> <u>Nonrestricted ID</u> | |
| WWBC | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |
| DFAU | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |
| WWLI | SAC6-03 SAC6-05 SAC6-06 | SAC6-04 |
| CMDL | SAC6-03 | |

| <u>FEATURE</u> | <u>TEST</u> |
|---|-------------|
| Presence of UPS code to allow MDQS functions | |
| RUNS | SAC2-05 |
| RUNP | SAC2-05 |
| PERFORM | SAC2-05 |
| PERF-MACROS | SAC2-05 |
| PRIVACY | SAC2-05 |
| WRITE | SAC2-05 |
| UPD-CREATE | SAC2-05 |
| UPD-RESTORE | SAC2-05 |
| UPD-INSERT | SAC2-05 |
| UPD-DELETE | SAC2-05 |
| UPD-STORE | SAC2-05 |
| KEEP | SAC2-05 |
| SUBSET | SAC2-05 |
| QUERY | SAC2-05 |
| TALK | SAC2-05 |
| RPT-COPY | SAC2-05 |
| RUNJ | SAC2-05 |
| BCL-BROWSE | SAC2-05 |
| BCL-UPDATE | SAC2-05 |
| BCL-LOAD | SAC2-05 |
| BCL-EXTRACT | SAC2-05 |
| RUNF | SAC2-05 |
| ADF | SAC2-05 |
| DDL | SAC2-05 |
| RESTRUCTURE | SAC2-05 |
| DIRECTORY | SAC2-05 |
| DMS | SAC2-05 |

| <u>Feature</u> | <u>Test</u> |
|-------------------------|-------------|
| Absence of UPS code to | |
| disallow MDQS functions | |
| RUNS | |
| RUNP | SAC2-05 |
| PERFORM | SAC2-05 |
| PERF-MACROS | SAC2-05 |
| PRIVACY | SAC2-05 |
| WRITE | |
| UPD-CREATE | |
| UPD-RESTORE | |
| UPD-INSERT | |
| UPD-DELETE | |
| UPD-STORE | |
| KEEP | |
| SUBSET | |
| QUERY | |
| TALK | |
| RPT-COPY | |
| RUNJ | |
| BCL-BROWSE | |
| BCL-UPDATE | |
| BCL-LOAD | |
| BCL-EXTRACT | |
| RUNF | |
| ADF | |
| DDL | |

| <u>Feature</u> | <u>Test</u> |
|---|-------------|
| Absence of UPS code to disallow MDQS functions | |
| RESTRUCTURE | |
| DIRECTORY | SAC2-05 |
| DMS | |

| <u>FEATURE</u> | <u>TEST</u> |
|----------------------------------|---------------------------------|
| Remote Batch Functions | |
| \$* \$id userid\$password/class. | SAC5-08 SAC5-12 |
| \$* \$RCD | SAC5-08 thru SAC5-12 |
| \$* \$OUT | SAC5-08 SAC5-09 SAC5-11 SAC5-12 |
| \$* \$OUTsnumb | SAC5-10 |
| \$* \$DIS | SAC5-09 SAC5-11 |
| \$* \$TS | |
| \$* \$STSid | |
| \$* \$STSsnumb | SAC5-11 |
| \$* \$ABT | SAC5-11 |

APPENDIX B
TEST ANALYSIS REPORT AND
TEST RESULTS SUMMARY

| TEST | DATE EXECUTED | SOFTWARE RELEASE | RESULT CODE | ERROR MESSAGE AND COMMENTS | REMARKS | TRS NUMBER |
|----------|---------------|------------------|-------------|----------------------------|----------------------------------|------------|
| SAC2-01 | - | | 7.2B | * | HRSS tape provided by the Gov't. | |
| SAC2-02 | 11/3/80 | | 7.2B | X | | |
| SAC2-03 | 11/3/80 | | 7.2B | X | | |
| SAC2-03A | 11/3/80 | | 7.2B | X | | |
| SAC2-04 | 11/3/80 | | 7.2B | X | | |
| SAC2-04A | 11/3/80 | | 7.2B | X | | |
| SAC2-05 | 11/3/80 | | 7.2B | X | | |
| SAC2-05 | 11/3/80 | | 7.2B | X | | |
| SAC3-01 | 11/3/80 | | 7.2B | X | | |
| SAC3-02 | 11/3/80 | | 7.2B | X | | |
| SAC4-01 | 11/3/80 | | 7.2B | * | | |
| SAC4-02 | - | | 7.2B | * | | |
| SAC4-03 | - | | 7.2B | * | | |
| SAC4-04 | 11/3/80 | | 7.2B | X | | |
| SAC4-05 | 11/3/80 | | 7.2B | X | | |

* Result Codes:

- X - Test terminated as expected and provided the expected output
- * - Test was not run - state reason
- P - Test failed to terminate as expected and/or provided unexpected results.

TEST RESULTS SUMMARY CHART

| TEST | DATE EXECUTED | SOFTWARE RELEASE | RESULT CODE | ERROR MESSAGE AND COMMENTS | REMARKS | TRS NUMBER |
|-----------|---------------|------------------|-------------|--|---|------------|
| SAC5-01 | 11/17/80 | 7.2B | X | | Test 1 & 2 of Section 5 only function when H700 software is patched during STARTUP. | |
| SAC5-02 | 11/17/80 | 7.2B | X | | | |
| SAC5-06 | 11/17/80 | 7.2B | X | | | |
| SAC5-07 | 11/17/80 | 7.2B | X | | | |
| SAC5-08 | 11/17/80 | 7.2B | X | | | |
| SAC5-09 | 11/17/80 | 7.2B | X | | | |
| SAC5-10 | 11/17/80 | 7.2B | X | | | |
| SAC5-11 | 11/17/80 | 7.2B | X | | | |
| SAC5-12 | 11/17/80 | 7.2B | F | The system would not read the entire run stream. | | |
| SAC5-12.1 | 11/17/80 | 7.2B | X | | | |
| SAC5-13 | 11/17/80 | 7.2B | X | | | |
| SAC5-14 | 11/17/80 | 7.2B | X | | | |
| SAC5-15 | 11/17/80 | 7.2B | X | | | |
| SAC5-16 | 11/17/80 | 7.2B | X | | | |
| SAC5-17 | 11/17/80 | 7.2B | X | | | |
| SAC5-18 | 11/17/80 | 7.2B | X | | | |
| SAC5-19 | 11/17/80 | 7.2B | X | | | |
| SAC5-20 | 11/17/80 | 7.2B | X | | | |
| SAC5-21 | 11/17/80 | 7.2B | X | | | |
| SAC5-22 | 11/17/80 | 7.2B | X | | | |
| SAC5-23 | 11/17/80 | 7.2B | X | | | |

* Result Codes:

- X - Test terminated as expected and provided the expected output
- * - Test was not run - state reason
- F - Test failed to terminate as expected and/or provided unexpected results.

| TEST | DATE EXECUTED | SOFTWARE RELEASE | RESULT CODE | ERROR MESSAGE AND COMMENTS | REMARKS | TRS NUMBER |
|---------|---------------|------------------|-------------|----------------------------|---------|------------|
| SAC6-01 | 11/17/80 | 7.2B | X | | | |
| SAC6-02 | 11/17/80 | 7.2B | X | | | |
| SAC6-03 | 11/17/80 | 7.2B | X | | | |
| SAC6-04 | 11/17/80 | 7.2B | X | | | |
| SAC6-05 | 11/17/80 | 7.2B | X | | | |
| SAC6-06 | 11/17/80 | 7.2B | X | | | |
| SAC6-07 | 11/17/80 | 7.2B | X | | | |
| SAC7-01 | 11/17/80 | 7.2B | X | | | |
| SAC7-02 | 11/17/80 | 7.2B | X | | | |
| SAC7-03 | 11/17/80 | 7.2B | X | | | |

* Result Codes:

- X - Test terminated as expected and provided the expected output
- * - Test was not run - state reason
- F - Test failed to terminate as expected and/or provided unexpected results.

APPENDIX C
TEST PACKAGE ABSTRACT

| | | |
|-----------------------|---|---------------------|
| <u>AREA</u> | SACLANT RNP | |
| <u>REFERENCE</u> | <u>SACLANT Remote Network Processor User's Guide</u> | |
| <u>CLASSIFICATION</u> | Test Package - Unclassified Software Documentation - Unclassified Computer Time - Unclassified/Shared | |
| <u>RESOURCES</u> | <u>Man Hrs.</u> | <u>Machine Hrs.</u> |
| Review | 6 | |
| Test | 22 | 22 |
| Analysis | <u>4</u> | <u> </u> |
| | 32 | 22 |

SCOPE SACLANT RNP consists of a modified version of the standard RNP software and a patch to the H6000 host software. The H700 software modifications provide additional security for logging and a record of terminal use. The TSS Patch prevents the restricted user from penetrating outside the MDQS subsystem, and reports attempts made by the users to access unsecure systems. The SACLANT Remote Network Processor Test and Verification Procedures are designed to test and evaluate the following functions:

1. Boot procedures
2. Remote Batch Terminal System (RBTS) operations and Remote Message Concentration System (RMCS) operations
3. RNP operator command capabilities
4. Effect of H6000 console commands on RNP operation
5. The ability of SACLANT to restrict specific users from executing unsecure TSS with MDQS commands.

APPENDIX D
TEST OUTPUT (Separately Bound)

DAT
FILM